

**DISMOUNT TABLET COMPUTER ASSEMBLY FOR
WIRELESS COMMUNICATION APPLICATIONS**

ABSTRACT

Systems and methods are disclosed for utilizing one or more tablet computer assemblies in a portable communications system. A tablet computer assembly includes a global positioning system module, an L-band transceiver, and a processing system. The global positioning system module that produces location information associated with the position of the tablet computer assembly. The L-band transceiver broadcasts the location information to at least one portable communication device through a relay network and receives location information from the at least one portable communications device via the relay network. The processing unit provides messages to the L-band transceiver and updates a display associated with the tablet computer assembly according the received location information and the location information produced at the global positioning system module.